

OREGON DEPT of ENVIRONMENTAL QUALITY
ENVIRONMENTAL CLEANUP SITE INFORMATION
SITE SUMMARY REPORT

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May 31, 1994 03:26 pm

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<u>SITE ID:</u>	104	<u>SITE NAME:</u>	Columbia Steel/Joslyn Sludge Pond	\	<u>CERCLIS NO:</u>	009022708			
		<u>ALIASES:</u>	Columbia Steel Casting Co. (CS)						
		<u>ADDRESS:</u>	10580 N Macrum AVE, Portland, 97283-						
		<u>COMMENTS:</u>	Take Columbia Blvd west of I-5 to Macrum Ave. Turn right and go ap- proximately 5 blocks.						
		<u>COUNTY:</u>	MULTNOMAH	<u>REGION:</u>	NWR				
		<u>INVG STATUS:</u>	LIS	<u>NPL SITE:</u>	N	<u>ORPHAN SITE:</u>	N	<u>STUDY AREA:</u>	N
<u>PROPERTY:</u>		<u>TWNSHP/RANGE/SECT:</u>	1N,1E,6	<u>TAX LOTS:</u>	7,118,122				
		<u>LATITUDE:</u>	45 deg.35'56"	<u>LONGITUDE:</u>	122 deg.43'46"	<u>SITE SIZE:</u>	27.6 acres		

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FACILITIES: Joslyn - former wood treating operation (1 retort facility to produce PCP or creosote treated cross arms for utility poles).

YEARS OF OPERATION: 1951-1980

SIC CODES: 2491, 3532,

OPERATING STATUS: Inactive

<u>PERMITS:</u>	<u>PERMIT NO.</u>	<u>PERMIT TYPE</u>	<u>ISSUED BY</u>	<u>COMMENTS</u>
	009032020	RCRA FRG	DEQ	
	1207	WQ GEN12H	DEQ	

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MANNER AND TIME OF RELEASE:

Operating practices, waste storage; time of release unknown.

HAZARDOUS SUBSTANCES/WASTE TYPES:

creosote, PCP, THP (in carrier oil)

CONTAMINATION INFORMATION:

(3/11/94 AL/SRS) A natural drainage way for storm runoff that ran across the Joslyn

USEPA SF



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property to the Columbia Slough was dammed off in the early 1950's to create a waste impoundment. The outlet from the drainage way was blocked off to create Center Pond. Waste from the retort process, including condensate and drip, was piped to the impoundment. The first impoundment was replaced with 2 smaller impoundments in 1966. The smaller impoundments remained in use until waste product recovery began in 1970. Wood treatment activities ceased when CS bought the property in 1981. A storm drain, that runs from the adjoining property across or adjacent to the sludge impoundments to Center Pond, was constructed in 1967 and later covered when the impoundments were filled in. A creosote-like material was observed to flow intermittently from the drainage pipe into Center Pond in 1987. Sample analysis confirmed the presence of PCP and PAHs.

OTHER INFORMATION:

Regional investigation indicated the presence of abandoned wood treating sludge ponds.

HAZARDOUS SUBSTANCES

<u>SUBSTANCE</u>	<u>RELEASE AREAS</u>	<u>COMMENTS</u>
ACENAPHTHYLENE ()		Date released: unknown Quantity Released: unknown Data Source: Site Investigation Report (7/2/90) Effective Date of Data: 29-MAR-88
ANTHRACENE ()		Date released: unknown Quantity Released: unknown Data Source: Site Investigation Report (7/2/90) Effective Date of Data: 29-MAR-88
BENZENE ()		Date released: unknown Quantity Released: unknown Data Source: Site Investigation Report (7/2/90) Effective Date of Data: 29-MAR-88
BENZO(a)ANTHRACENE ()		Date released: unknown Quantity Released: unknown Data Source: Site Investigation Report (7/2/90) Effective Date of Data: 29-MAR-88
DIBENZOFURAN ()		Date released: unknown Quantity Released: unknown Data Source: Site Investigation Report (7/2/90) Effective Date of Data: 29-MAR-88
FLUORANTHENE ()		Date released: unknown Quantity Released: unknown Data Source: Site Investigation Report (7/2/90) Effective Date of Data: 29-MAR-88

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FLUORENE

()

Date released: unknown
 Quantity Released: unknown
 Data Source: Site Investigation Report (7/2/90)
 Effective Date of Data: 29-MAR-88

NAPHTHALENE

()

Date released: unknown
 Quantity Released: unknown
 Data Source: Site Investigation Report (7/2/90)
 Effective Date of Data: 29-MAR-88

PENTACHLOROPHENOL

()

Date released: Unknown
 Quantity Released: Unknown
 Data Source: Abandoned Haz Waste Site Notebook
 Site Inspection Report (7/2/90)
 Effective Date of Data: 29-MAR-88

PHENANTHRENE

()

Date released: unknown
 Quantity Released: unknown
 Data Source: Site Investigation Report (7/2/90)
 Effective Date of Data: 29-MAR-88

PYRENE

()

Date released: unknown
 Quantity Released: unknown
 Data Source: Site Investigation Report (7/2/90)
 Effective Date of Data: 29-MAR-88

TOLUENE

()

Date released: unknown
 Quantity Released: unknown
 Data Source: Site Investigation Report (7/2/90)
 Effective Date of Data: 29-MAR-88

SUBSTANCE CONTAMINATION

<u>SUBSTANCE</u>	<u>MEDIA CONTAMINATED</u>	<u>CONCENTRATION LEVEL</u>	<u>EVIDENCE</u>	<u>OBSERV. DATE</u>
ACENAPHTHYLENE	Groundwater	25 ug/l	Laboratory Data	
	Soil	8,300 ug/kg	Laboratory Data	
ANTHRACENE	Groundwater	1,000 ug/l	Laboratory Data	
	Soil	41,000 ug/kg	Laboratory Data	
BENZENE	Groundwater	26 ug/l	Laboratory Data	
BENZO(a)ANTHRACENE	Groundwater	11,000 ug/l	Laboratory Data	
	Soil	14,000 ug/kg	Laboratory Data	

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DIBENZOFURAN	Groundwater	100 ug/l	Laboratory Data
	Soil	68,000 ug/kg	Laboratory Data
FLUORANTHENE	Groundwater	4,300 ug/l	Laboratory Data
	Soil	110,000 ug/kg	Laboratory Data
FLUORENE	Groundwater	3,100 ug/l	Laboratory Data
	Soil	140,000 ug/kg	Laboratory Data
NAPHTHALENE	Groundwater	7,600 ug/l	Laboratory Data
	Soil	230,000 ug/kg	Laboratory Data
PENTACHLOROPHENOL	Groundwater	11,000 ppb	Laboratory Data
	Soil	320,000 ug/kg	Laboratory Data
	Comments: possible groundwater contamination		
PHENANTHRENE	Groundwater	6,800 ug/l	Laboratory Data
	Soil	1,100 ug/kg	Laboratory Data
PYRENE	Groundwater	2,600 ug/l	Laboratory Data
	Soil	64,000 ug/kg	Laboratory Data
TOLUENE	Groundwater	110 ug/l	Laboratory Data

MEDIA CONTAMINATION COMMENTS:

Additional sampling information available in project file.

ENVIRONMENTAL/HEALTH THREATS:

Groundwater or surface water contamination.

STATUS OF INVESTIGATIVE OR REMEDIAL ACTION:

(3/11/94 AL/SRS) A Consent Order for the completion of a RI/FS became effective 7/16/90. A meeting to discuss the FS and proposed remedy was held 7/20/93. A cost effectiveness evaluation was requested at the meeting and received 9/17/93. The draft FS report was rejected by DEQ in a 11/15/93 letter (DEQ comments were provided). After a 12/16/93 meeting to discuss the preparation of an acceptable draft FS, revised volume calculations were received by DEQ on 1/14/94 and approved on 2/7/94. Preliminary Remedial Action Alternatives (Appendix A of the FS report) were received for review on 2/18/94.

REMEDIAL ACTION FUNDING:

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Owner, operator or other person under agreement, order or consent decree under
ORS 465.200 or 465.420.

INVESTIGATIVE AND REMEDIAL ACTIONS

<u>ACTION</u>	<u>START DATE</u>	<u>COMPL. DATE</u>	<u>RESP. STAFF</u>	<u>AGENCY CODE</u>	<u>REGION</u>	<u>LEAD PROGRAM</u>
Basic Preliminary Assessment	01-JUN-89	06-OCT-89	Leslie Kochan	DEQ		SAS
PA TYPE: Federal PA Priority for Further Action: MED						
Pre-Remedial Development	25-JUL-89	15-JUL-90	Ann Levine	DEQ		SRS
Remedial Investigation	16-JUL-90	13-MAY-93	Ann Levine	DEQ		SRS
Feasibility Study	16-JUL-90		Ann Levine	DEQ		SRS

ADMINISTRATIVE ACTIONS

<u>ACTION</u>	<u>DATE</u>	<u>RESPONSIBLE STAFF</u>	<u>AGENCY CODE</u>	<u>REGION</u>	<u>LEAD PROGRAM</u>	<u>COMMENTS</u>
Site added to database	29-MAR-88	Michael Zollitsch	DEQ		SAS	
Listing Review Completed	29-AUG-90	Ann Levine	DEQ		SRS	
Proposal for Confirmed Release List recommended	29-AUG-90	Ann Levine	DEQ		SRS	
Proposal for Inventory recommended	29-AUG-90	Ann Levine	DEQ		SRS	
Facility proposed for Confirmed Release List	25-MAR-91	Ann Levine	DEQ		SRS	
Facility proposed for Inventory List	25-MAR-91	Ann Levine	DEQ		SRS	

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Owner/Operator comments received on listing notification	29-APR-91	Loretta Pickerell	DEQ	SAS
Review for Final Listing	31-MAY-91	Loretta Pickerell	DEQ	SAS
Listing on Confirmed Release list recommended	31-MAY-91	Loretta Pickerell	DEQ	SAS
Listing on Inventory recommended	31-MAY-91	Loretta Pickerell	DEQ	SAS
Facility placed on Confirmed Release List	28-JUN-91	Loretta Pickerell	DEQ	SAS
Facility placed on Inventory List	28-JUN-91	Loretta Pickerell	DEQ	SAS

LAST UPDATED BY: OPS\$DMC DATE: 27-APR-94

PARTY INFORMATION

SITE CONTACT:

<u>ASSOCIATED PARTIES NAME AND ADDRESS</u>	<u>AFFILIATION</u>	<u>AFFILIATION STATUS</u>	<u>INFORMATION AS OF DATE</u>
Columbia Metal Casting Co., Inc. PO Box 83095 Portland, OR 97203 (503) 286-0685 COMMENTS:	Cost Recovery Responsible Party	Current	29-MAR-88
Columbia Metal Casting Co., Inc. PO Box 83095 Portland, OR 97203 (503) 286-0685 COMMENTS: Attn: Guy Marshall	Legal Owner	Current	29-MAR-88
Columbia Metal Casting Co., Inc. PO Box 83095 Portland, OR 97203 (503) 286-0685 COMMENTS:	Operator	Current	29-MAR-88

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Joslyn Manufacturing Corporation 30 South Wacker Drive Chicago, IL 60606 (312) 454-2865 COMMENTS:	Cost Recovery Responsible Party	Prior	29-MAR-88
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Joslyn Manufacturing Corporation 30 South Wacker Drive Chicago, IL 60606 (312) 454-2865 COMMENTS:	Legal Owner	Prior	29-MAR-88
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Joslyn Manufacturing Corporation 30 South Wacker Drive Chicago, IL 60606 (312) 454-2865 COMMENTS:	Operator	Prior	29-MAR-88
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DATA SOURCES:	SRS project manager files
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(site_report.rpt)